

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

MALLARY, ET AL.

Serial No.: NOT YET ASSIGNED

Filed: NOVEMBER 5, 2003

Confirmation No.: N/A

Atty. File No.: 3123-529 (16420-02116)

For: "Shielded Pole Writer Under Reader"

) Group Art Unit: NOT YET ASSIGNED

) Examiner: NOT YET ASSIGNED

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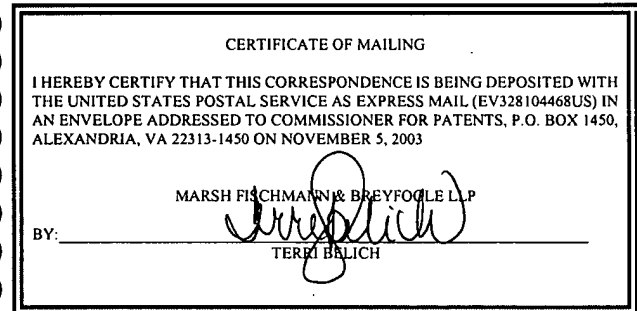
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to Applicant's duty of disclosure under 37 CFR § 1.56 and 37 CFR §§ 1.97-1.98, Applicant hereby provides a copy of each of the documents identified on the enclosed PTO Form 1449, although Applicant does not admit that any of such documents, alone or in any combination, is considered to be material to patentability as defined in 37 CFR § 1.56(b). Moreover, the inclusion of these documents is not to be construed as an admission by Applicant that each such document is prior art as to the above-identified application.

Respectfully submitted,

MARSH FISCHMANN & BREYFOGLE LLP

By: Robert G. Crouch

Robert G. Crouch
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Date: November 5, 2003

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
3123-529(16420-02116)

In Re Application Of: **MALLARY, ET AL.**

Serial No.
NOT ASSIGNED

Filing Date
NOVEMBER 5, 2003

Examiner
NOT ASSIGNED

Group Art Unit
NOT ASSIGNED

Title: **"SHIELDED POLE WRITER UNDER READER"**

Address to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
3123-529(16420-02116)

In Re Application: MALLARY, ET AL.

Serial No.
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Filing Date
NOVEMBER 5, 2003

Examiner
NOT ASSIGNED

Group Art Unit
NOT ASSIGNED

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

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Signature of Person Mailing Correspondence

TERRI BELICH (EXP. MAIL # 328104468US)

Typed or Printed Name of Person Mailing Certificate

*This certificate may only be used if paying by deposit account.


Signature

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AURORA, CO 80014
720-562-5506

Dated: NOVEMBER 5, 2003

CC:

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

3123-529 (16420-02116)

Application Number

NOT ASSIGNED

Applicant(s)

MALLARY, ET AL.

Filing Date

NOVEMBER 5, 2003

Group Art Unit

NOT ASSIGNED

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	RE33,949	06/02/92	MALLARY, ET AL.	360	110	
	2.	4,644,432	02/17/87	HEIM	360	123	
	3.	4,656,546	04/07/87	MALLARY	360	110	
	4.	4,672,493	06/09/87	SCHEWE	360	125	
	5.	5,801,910	09/01/98	MALLARY	360	126	
	6.	4,748,525	05/31/88	PERLOV	360	110	
	7.	5,075,956	12/31/91	DAS	29	603	
	8.	4,253,127	02/24/81	KODAMA, ET AL.	360	125	
	9.	4,317,148	02/23/82	CHI	360	119	
	10.	4,423,450	12/27/83	HAMILTON	360	111	
	11.	5,041,922	08/20/91	WOOD, ET AL.	360	55	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	AUTHORS: K. ISE; K. YAMAKAWA; K. OUCHI; H. MURAOKA; Y. SUGITA; Y. NAKUMURA TITLE: HIGH WRITING-SENSITIVITY SINGLE-POLE HEAD WITH CUSP-FIELD COILS IEEE TRANSACTIONS ON MAGNETICS; VOL. 36, NO. 5; SEPTEMBER 2000; pp 2520-2523

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

3123-529(16420-02116)

SERIAL NO.

NOT ASSIGNED

MALLARY, ET AL.

FILING

NOVEMBER 5, 2003

GROUP

NOT ASSIGNED

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	12.	5,111,352	05/05/92	DAS, ET AL.	360	113	
	13.	5,176,965	01/05/93	MALLARY	428	694	
	14.	5,431,969	07/11/95	MALLARY	427	599	
	15.	5,680,283	10/21/97	TANAKA, ET AL.	360	125	
	16.	5,830,590	11/03/98	GOOCH, ET AL.	428	694	
	17.	5,843,565	12/01/98	DAVIES, ET AL.	428	212	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.